

What is claimed is:

1. A computer-implemented method for estimating a cost for migrating a computer-based application from a source platform to a target platform, said method comprising the steps of:
  - receiving identifications of respective migration tasks;
  - correlating base costs to respective ones of said migration tasks;
  - receiving identifications of migration attributes that affect migration cost;
  - correlating cost factors to respective ones of said migration tasks, each of said cost factors indicating an amount by which a migration attribute affects the base cost of a migration task; and
  - estimating a cost for each migration task, by applying the cost factors for each migration task to the base cost of the migration task.
2. The method of claim 1, wherein migration tasks comprise one or more tasks chosen from a group consisting of system building, project management, ramp up, baseline testing, migration, system testing, delivery, acceptance testing, sign-off, exporting data, importing data, redirecting user terminals, replacing third party products, and deployment.
3. The method of claim 1, wherein migration attributes comprise one or more attributes chosen from a group consisting of hardware attributes, operating system attributes, application attributes, environment attributes, source code attributes, complexity attributes, and testing attributes.

4. The method of claim 3, wherein source code attributes comprise at least one code metric chosen from a group consisting of number of code lines, number of code modules, number of files, call types, number of calls, data volume, structural integrity, use of lexical functions, and operating system dependence.
5. The method of claim 1, further comprising  
estimating a total cost, by summing the estimated costs of all migration tasks; and  
displaying or printing a migration assessment comprising the total cost.
6. The method of claim 5, wherein the migration assessment further comprises the estimated cost for each migration task.
7. The method of claim 5, further comprising  
applying tolerances to one or more of the estimated costs and total cost; and  
wherein one or more of the estimated costs and total cost comprises a cost range.
8. The method of claim 1, wherein one or more of the base costs are received from a user.
9. The method of claim 1, wherein one or more of the cost factors are received from a user.
10. The method of claim 1, further comprising the step of receiving at least one assessment type, each assessment type comprising a degree of accuracy for one or more of the estimated costs and total cost.

11. The method of claim 1, further comprising the step of creating an assessment template, the assessment template comprising a format for the migration assessment.
12. The method of claim 1, further comprising the steps of:
  - correlating base time requirements to respective ones of said migration tasks;
  - correlating time factors to respective ones of said migration tasks, each time factor indicating an amount by which a migration attribute changes the base time requirement for a migration task; and
  - estimating a time requirement for each migration task, by applying all time factors for the migration task to the base time requirement for the migration task.
13. A computer-implemented method for estimating a time requirement for migrating a computer-based application from a source platform to a target platform, comprising:
  - receiving identifications for respective migration tasks;
  - correlating base time requirements to respective ones of said migration tasks;
  - receiving identifications of migration attributes that affect migration time;
  - correlating time factors to respective ones of said migration tasks, each time factor indicating an amount by which a migration

attribute changes the base time requirement for a migration task; and  
estimating a time requirement for each migration task, by applying all  
time factors for the migration task to the base time requirement of  
the migration task.

14. The method of claim 13, wherein migration tasks comprise one or more tasks chosen from a group consisting of system building, project management, ramp up, baseline testing, migration, system testing, delivery, acceptance testing, sign-off, exporting data, importing data, redirecting user terminals, replacing third party products, and deployment.
15. The method of claim 13, wherein migration attributes comprise one or more attributes chosen from a group consisting of hardware attributes, operating system attributes, application attributes, environment attributes, source code attributes, complexity attributes, and testing attributes.
16. The method of claim 15, wherein source code attributes comprise at least one code metric chosen from a group consisting of number of code lines, number of code modules, number of files, call types, number of calls, data volume, structural integrity, use of lexical functions, and operating system dependence.
17. The method of claim 13, further comprising  
estimating a total time requirement, by summing the time requirements for all  
migration tasks; and  
printing or displaying a migration assessment comprising the total time  
requirement.

18. The method of claim 17, wherein the migration assessment further comprises the estimated time requirement for each migration task.
19. The method of claim 17, further comprising  
applying tolerances to one or more of the estimated time requirements and total time requirement; and  
wherein one or more of the estimated time requirements and total time requirement comprises a cost range.
20. The method of claim 13, wherein one or more of the base time requirements are received from a user.
21. The method of claim 13, wherein one or more of the time factors are received from a user.
22. The method of claim 13, further comprising the step of receiving at least one assessment type, each assessment type comprising a degree of accuracy for one or more of the estimated time requirements and total time requirement.
23. The method of claim 13, further comprising the step of creating an assessment template, the assessment template comprising a format for the migration assessment.
24. A computer-readable program product for estimating a cost for migrating a computer-based application from a source platform to a target platform, comprising:  
  
computer-readable program code means for receiving identifications  
of respective migration tasks;

computer-readable program code means for correlating base costs to respective ones of said migration tasks;

computer-readable program code means for receiving identifications of migration attributes;

computer-readable program code means for correlating cost factors to respective ones of said migration tasks, each cost factor indicating an amount by which a migration attribute changes the base cost of a migration task; and

computer-readable program code means for estimating a cost for each migration task, by applying all cost factors for the migration task to the base cost of the migration task.

25. The computer-readable program product of claim 24, wherein migration tasks comprise one or more tasks chosen from a group consisting of system building, project management, ramp up, baseline testing, migration, system testing, delivery, acceptance testing, sign-off, exporting data, importing data, redirecting user terminals, replacing third party products, and deployment.
26. The computer-readable program product of claim 24, wherein migration attributes comprise one or more attributes chosen from a group consisting of hardware attributes, operating system attributes, application attributes, environment attributes, source code attributes, complexity attributes, and testing attributes.
27. The computer-readable program product of claim 26, wherein source code attributes comprise at least one code metric chosen from a group consisting of

number of code lines, number of code modules, number of files, call types, number of calls, data volume, structural integrity, use of lexical functions, and operating system dependence.

28. The computer-readable program product of claim 24, further comprising  
computer-readable program code means for estimating a total cost, by summing  
the estimated costs of all migration tasks; and  
computer-readable program code means for printing or displaying a migration  
assessment comprising the total cost.
29. The computer-readable program product of claim 28, wherein the migration  
assessment further comprises the estimated cost for each migration task.
30. The computer-readable program product of claim 28, further comprising  
computer-readable program code means for applying tolerances to one or more of  
the estimated costs and total cost; and  
wherein one or more of the estimated costs and total cost comprises a cost range.
31. The computer-readable program product of claim 24, further comprising  
computer-readable program code means for receiving one or more of the base  
costs from a user.
32. The computer-readable program product of claim 24, further comprising  
computer-readable program code means for receiving one or more of the cost  
factors from a user.
33. The computer-readable program product of claim 24, further comprising  
computer-readable program code means for receiving at least one assessment

type, each assessment type comprising a degree of accuracy for one or more of the final costs and total cost.

34. The computer-readable program product of claim 24, further comprising computer-readable program code means for creating an assessment template, the assessment template comprising a format for the assessment.

35. The computer-readable program product of claim 24, further comprising:

computer-readable program code means for correlating base time

requirements to respective ones of said migration tasks;

computer-readable program code means for correlating time factors to

respective ones of said migration tasks, each time factor indicating an

amount by which a migration attribute changes the base time

requirement for a migration task; and

computer-readable program code means for estimating a time

requirement for each migration task, by applying all time factors for the

migration task to the base time requirement for the migration task.

36. A computer-readable program product for estimating a time requirement for migrating a computer-based application from a source platform to a target platform, comprising:

computer-readable program code means for receiving identifications

of respective migration tasks;

computer-readable program code means for correlating base time

requirements to respective ones of said migration tasks;



computer-readable program code means for receiving identifications  
of respective migration attributes;

computer-readable program code means for correlating time factors to  
respective ones of said migration tasks, each time factor indicating  
an amount by which a migration attribute changes the base time  
requirement for a migration task; and

computer-readable program code means for estimating a time  
requirement for each migration task, by applying all time factors for  
the migration task to the base time requirement of the migration task.

37. The computer-readable program product of claim 36, wherein migration tasks  
comprise one or more tasks chosen from a group consisting of system building,  
project management, ramp up, baseline testing, migration, system testing,  
delivery, acceptance testing, sign-off, exporting data, importing data, redirecting  
user terminals, replacing third party products, and deployment.
38. The computer-readable program product of claim 36, wherein migration attributes  
comprise one or more attributes chosen from a group consisting of hardware  
attributes, operating system attributes, application attributes, environment  
attributes, source code attributes, complexity attributes, and testing attributes.
39. The computer-readable program product of claim 38, wherein source code  
attributes comprise at least one code metric chosen from a group consisting of  
number of code lines, number of code modules, number of files, call types,

number of calls, data volume, structural integrity, use of lexical functions, and operating system dependence.

40. The computer-readable program product of claim 36, further comprising computer-readable program code means for estimating a total time requirement, by summing the estimated time requirements for all migration tasks; and computer-readable program code means for printing or displaying a migration assessment comprising the total time requirement.
41. The computer-readable program product of claim 40, wherein the migration assessment further comprises the estimated time requirement for each migration task.
42. The computer-readable program product of claim 40, further comprising computer-readable program code means for applying tolerances to one or more of the estimated time requirements and total time requirement; and wherein one or more of the estimated time requirements and total time requirement comprises a time range.
43. The computer-readable program product of claim 36, further comprising computer-readable program code means for receiving one or more of the base time requirements from a user.
44. The computer-readable program product of claim 36, further comprising computer-readable program code means for receiving one or more of the time factors from a user.

45. The computer-readable program product of claim 36, further comprising computer-readable program code means for receiving at least one assessment type, each assessment type comprising a degree of accuracy for one or more of the final time requirements and total time requirement.
46. The computer-readable program product of claim 36, further comprising computer-readable program code means for creating an assessment template, the assessment template comprising a format for the assessment.